## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|---|---------------------|---------|---------------------|
|      |      | (divid\$4 or division or region or area) near image near data same (smooth\$4) near ()  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/07/13<br>08:23 |
|      |      | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4) near (area or<br>region) same (adjacent<br>or near or surround or<br>around) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/07/08<br>16:12 |
|      |      | plurality adj4 area\$4<br>and (luminosit\$4 or<br>luminan\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/04/12<br>09:56 |
|      |      | jp a 2001-54014   | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR                  | ON      | 2007/04/12<br>08:57 |
| L2   | 1    | "20020025079" and<br>(luminance same (edge<br>or corner))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/10/29<br>11:19 |
| L3   | 0    | "20020025079" and<br>(luminance same<br>camera)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/10/29<br>12:29 |
| S1   | 4    | "6122076"   | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR                  | ON      | 2007/04/11<br>16:46 |
| S2   | 4    | 2001-54014  | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR                  | ON      | 2007/04/11<br>16:48 |
| S3   | 1    | "jp a 2001-54014"   | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR                  | ON      | 2007/04/11<br>16:49 |

| S4  | 135  | plurality adj4 area\$4<br>and (camera\$4 or CCD<br>or "image-processing<br>device") and luminosit<br>\$4                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>09:13 |
|-----|------|--|---|----|----|---------------------|
| S5  | 36   | divid\$4 near plurality<br>adj4 area\$4 and<br>(camera\$4 or CCD or<br>"image-processing<br>device") and luminosit<br>\$4      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>09:54 |
| S6  | 0    | divid\$4 near plurality<br>adj4 area\$4 and<br>luminosit\$4 and smooth<br>\$4 and ratio\$4 near<br>distance\$4 adj4 pixel\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>09:56 |
| S7  | 1    | plurality adj4 area\$4<br>and luminosit\$4 and<br>smooth\$4 and ratio\$4<br>near distance\$4 adj4<br>pixel\$4                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>12:43 |
| S8  | 1    | plurality adj4 area\$4<br>and (luminosit\$4 or<br>luminan\$4) and smooth<br>\$4 and ratio\$4 near<br>distance\$4 adj4 pixel\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>09:56 |
| S9  | 3736 | plurality adj4 area\$4<br>and (luminosit\$4 or<br>luminan\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>12:43 |
| S10 | 974  | S9 and smooth\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>12:31 |
| S11 | 31   | S10 and pixel\$4 near<br>distance\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12<br>12:32 |

| S12 | 493  | S9 and "382".clas.                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/04/12<br>12:43 |
|-----|------|--|---|-----|----|---------------------|
| S13 | 2    | 10/733264  | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>08:19 |
| S14 | 316  | luminosity adj2 pixels                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>09:12 |
| S15 | 316  | luminosity adj2 pixel\$4                               | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>09:13 |
| S16 | 65   | S15 and "382".clas.                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:16 |
| S17 | 1    | S16 and small adj area<br>\$4                          | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>09:14 |
| S18 | 23   | S16 and smooth\$4                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>09:48 |
| S19 | 1    | S15 and ratio\$4 adj<br>distance\$4                    | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:17 |
| S20 | 29   | S15 and distance\$4<br>adj4 pixel\$4                   | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:18 |
| S21 | 21   | S15 and distance\$4<br>adj4 pixel\$4 and ratio<br>\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:22 |
| S22 | 1    | S15 and distance\$4<br>adj4 pixel\$4 near ratio<br>\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:19 |
| S23 | 1    | S15 and distance\$4<br>adj4 pixel\$4 near ratio<br>\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:21 |
| S24 | 1    | S15 and distance\$4<br>near ratio\$4                   | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:21 |
| S25 | 6933 | distance\$4 adj4 pixel\$4<br>and ratio\$4              | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:22 |
| S26 | 72   | distance\$4 adj4 pixel\$4<br>near ratio\$4             | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR  | ON | 2007/04/13<br>10:22 |

| S27 | 2      | "20010003557"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/05<br>11:52 |
|-----|--------|--|---|----|----|---------------------|
| S28 | 0      | (pluarlity near small<br>near areas) same<br>(luminance or<br>luminosity) same<br>(evaluat\$4)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:23 |
| S29 | 0      | (pluarlity near3 areas)<br>same (luminance or<br>luminosity) same<br>(evaluat\$4)                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:24 |
| S30 | 0      | (pluarlity near3 areas)<br>same (luminance or<br>luminosity)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:24 |
| S31 | 0      | (pluarlity near3 area)<br>same (luminance or<br>luminosity)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:24 |
| S32 | 183238 | (luminance or<br>luminosity)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:24 |
| S33 | 1136   | (luminance or<br>luminosity) same<br>((division or divid\$4 or<br>plurality) near area)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:25 |
| S34 | 248    | (luminance or<br>luminosity) near value<br>same ((division or divid<br>\$4 or plurality) near<br>area) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:25 |

| S35 | 8    | pixel near (luminance<br>or luminosity) near<br>value same ((division<br>or divid\$4 or plurality)<br>near area)                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:26 |
|-----|------|---|---|----|----|---------------------|
| S36 | 0    | (sub-pixel or subpixel) near (luminance or luminosity) near value same ((division or divid \$4 or plurality) near area)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:26 |
| S37 | 248  | (luminance or<br>luminosity) near value<br>same ((division or divid<br>\$4 or plurality) near<br>area)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:31 |
| S38 | 43   | (luminance or<br>luminosity) near value<br>same ((division or divid<br>\$4 or plurality) near<br>area) and "382".clas.                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:31 |
| S39 | 8615 | (luminance or<br>luminosity) near<br>(correct\$4 or adjust\$4<br>or smooth\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:51 |
| S40 | 514  | (luminance or<br>luminosity) near<br>(correct\$4 or adjust\$4<br>or smooth\$4) same<br>(plaurality or division or<br>divid\$4)            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:51 |
| S41 | 52   | (luminance or<br>luminosity) near<br>(correct\$4 or adjust\$4<br>or smooth\$4) same<br>(plaurality or division or<br>divid\$4) near image | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:52 |
| S42 | 127  | (luminance or<br>luminosity) near<br>(correct\$4 or adjust\$4<br>or smooth\$4) same<br>(plurality or division or<br>divid\$4) near image  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:52 |

| S43 | 7    | (luminance or luminosity) near (correct\$4 or adjust\$4 or smooth\$4) same (plurality or division or divid\$4) near image same (pixel or subpixel) near value   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:52 |
|-----|------|---|---|----|----|---------------------|
| S44 | 3    | (luminance or luminosity) near (correct\$4 or adjust\$4 or smooth\$4) same (plurality or division or divid\$4) near area same (pixel or subpixel) near value  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:55 |
| S45 | 2105 | (plurality or division or<br>divid\$4) same (regions<br>or areas) same (evaluat<br>\$4 or determin\$4)<br>same (luminance or<br>luminosity)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:58 |
| S46 | 764  | (plurality or division or<br>divid\$4) same (regions<br>or areas) same (evaluat<br>\$4 or determin\$4)<br>same (luminance or<br>luminosity) near (level<br>or value)                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:59 |
| S47 | 766  | (plurality or division or<br>divid\$4) same (regions<br>or areas) same (evaluat<br>\$4 or determin\$4)<br>same (luminance or<br>luminosity) near (level<br>or value or coefficient)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:59 |
| S48 | 12   | (plurality or division or<br>divid\$4) same (regions<br>or areas) same (evaluat<br>\$4 or determin\$4)<br>same (luminance or<br>luminosity) near (level<br>or value or coefficient)<br>same smooth\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:59 |

| <b>S</b> 49 | 2    | (plurality or division or divid\$4) same (regions or areas) same (evaluat \$4 or determin\$4) same (luminance or luminosity) near (level or value or coefficient) same smooth\$4 same weight\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>11:59 |
|-------------|------|---|---|----|----|---------------------|
| S50         | 1351 | (correct\$4 or adjust\$4<br>or smooth\$4) near<br>(luminance or<br>luminosity) near (level<br>or value or coefficient)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>12:42 |
| S51         | 111  | (correct\$4 or adjust\$4 or smooth\$4) near (luminance or luminosity) near (level or value or coefficient) same (divid\$4 or division) near areas   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>12:42 |
| S52         | 50   | (correct\$4 or adjust\$4<br>or smooth\$4) near<br>(luminance or<br>luminosity) same (divid<br>\$4 or division) near<br>areas  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>12:51 |
| S53         | 0    | (correct\$4 or adjust\$4 or smooth\$4) near (luminance or luminosity) same (divid \$4 or division) near areas same weight\$4 near distance  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>12:52 |
| S54         | 24   | 382/173.ccls. and<br>382/167.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>14:32 |
| S55         | 38   | 382/167.ccls. and (segment\$4 or division or divid\$4) near image near data   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>14:39 |
| S56         | 3    | 382/167.ccls. and<br>(segment\$4 or division<br>or divid\$4) near image<br>near data same<br>luminance  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/07<br>14:39 |

| S57 | 3    | 382/172.ccls. and  | US-PGPUB;   | OR | ON | 2009/07/08          |
|-----|------|--|---|----|----|---------------------|
|     |      | (luminance or luminosit<br>\$4) near (correct\$4 or<br>adjust\$4)  | USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB              |    |    | 14:36               |
| S58 | 318  | 382/172.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>14:50 |
| S59 | 1764 | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>14:56 |
| S60 | 86   | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4) near (area or<br>region)                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>14:57 |
| S61 | 21   | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4) near (area or<br>region) and "382".clas.                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>14:58 |
| S62 | 0    | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4) near (area or<br>region) same adjacent<br>and "382".clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>15:41 |
| S63 | 4    | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4) near (area or<br>region) same adjacent                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>15:43 |
| S64 | 86   | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4) near (area or<br>region)                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>16:12 |

| S65 | 6    | (segmentat\$4 or divid<br>\$4 or division) near<br>image same<br>(luminance or luminosit<br>\$4) near (area or<br>region) same (adjacent<br>or surround or around) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/08<br>16:12 |
|-----|------|--|---|----|----|---------------------|
| S66 | 8034 | (divid\$4 or division or region) near image near data  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>08:22 |
| S67 | 124  | (divid\$4 or division or region) near image near data same (smooth\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>08:22 |
| S68 | 12   | (divid\$4 or division or<br>region or area) near<br>image near data same<br>(smooth\$4) near (area)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>08:23 |
| S69 | 2    | (divid\$4 or division or region or area) near image near data same (smooth\$4) near (area) same luminance  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>08:35 |
| S70 | 9    | (divid\$4 or division or<br>region or area) near<br>image same (smooth<br>\$4) near (area) same<br>luminance   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>08:36 |
| S71 | 2    | 10/733264  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/12<br>12:50 |
| S72 | 66   | ("3602702"   "4116444"   "4137530"   "4179823"   "4179824"   "4209832"   "4225861"   "4291380"   "4343037"   "4384338"   "4425559").PN. OR ("4677576").URPN.       | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/03/12<br>13:27 |

| S73        | 19 | ("4631690"   | US-PGPUB;                       | OR | ON       | 2010/03/12          |
|------------|----|--|---------------------------------|----|----------|---------------------|
|            |    | "4914605"   "5440652"<br>  "5485568"  <br>"5499322"   "5546107"<br>  "5583953"  <br>"5586232").PN. OR<br>("5710877").URPN.   | USPAT; USOCR                    |    |          | 13:28               |
| <b>S74</b> | 19 | ("3069654"   "4267573"   "4736436"   "4868752"   "4884225"   "4965844"   "5063684"   "5070465"   "5173948"   "5185667"   "5193126"   "5220615"   "5430810").PN. OR ("5901252").URPN. | US-PGPUB;<br>USPAT; USOCR       | OR | 00<br>00 | 2010/03/12<br>13:29 |
| S75        | 5  | ("6075905"  <br>"6097854"   "6137498"<br>  "6373992").PN. OR<br>("6927874").URPN.  | US-PGPUB;<br>USPAT; USOCR       | OR | ON       | 2010/03/12<br>13:30 |
| S76        | 9  | ("4758883"  <br>"5317426"   "5363218"<br>  "6108036").PN. OR<br>("6487309").URPN.  | US-PGPUB;<br>USPAT; USOCR       | OR | ON       | 2010/03/12<br>13:30 |
| S77        |    | ("3069654"   "4267573"   "4736436"   "4868752"   "4884225"   "4965844"   "5063684"   "5070465"   "5173948"   "5185667"   "5193126"   "5220615"   "5430810").PN. OR ("6005984").URPN. | US-PGPUB;<br>USPAT; USOCR       | OR | ON       | 2010/03/12<br>13:31 |
| S78        | 35 | (subdivision or area or<br>division) same<br>(luminance) same<br>(weight\$4 with<br>luminance with<br>distance)  | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON       | 2010/10/28<br>14:47 |
| S79        | 1  | (neighbor\$4 near area)<br>same (luminance)<br>same (weight\$4 with<br>luminance with<br>distance)   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON       | 2010/10/28<br>14:48 |
| S80        | 1  | S78 and S79  | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON       | 2010/10/28<br>14:48 |

| S81 | 37 | (subdivision or area or division) same (luminance) same (weight\$4 with luminance with distance)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/28<br>14:48 |
|-----|----|---|---|----|----|---------------------|
| S82 | 2  | (neighbor\$4) same (subdivision or area or division) same (luminance) same (weight\$4 with luminance with distance) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/28<br>14:49 |
| S83 | 12 | (subdivision or area or division) same (luminance) same (weight\$4 with luminance with distance) and "382".         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/28<br>14:55 |
| S84 | 2  | "6097854".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/28<br>16:11 |
| S85 | 35 | (subdivision or area or division or subarea) same (luminance) same (weight\$4 with luminance with distance)         | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR | ON | 2010/10/28<br>16:17 |
| S86 | 35 | (subdivision or area or division or subarea) same (weight\$4 with luminance with distance)                          | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR | ON | 2010/10/28<br>16:17 |
| S87 | 12 | (subdivision or area or division or subarea) same (weight\$4 with luminance with distance) and "382".               | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR | ON | 2010/10/28<br>16:17 |
| S88 | 73 | (subdivision or area or division or subarea) and (weight\$4 with luminance with distance) and "382".                | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR | ON | 2010/10/28<br>16:18 |

| S89 | 7  | (subdivision or area or division or subarea) and (weight\$4 with luminance with distance) and (luminance near correct \$4) and "382".clas.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:19 |
|-----|----|---|---------------------------------|----|----|---------------------|
| S90 | 1  | "5703956".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:23 |
| S91 | 1  | "5703965".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:23 |
| S92 | 1  | "5426673".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:24 |
| S93 | 8  | (subdivision or area or division or subarea or block) and (weight\$4 with luminance with distance) and (luminance near correct \$4) and "382".clas.               | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:26 |
| S94 | 8  | ((subdivision or area or division or subarea or block) with image) and (weight\$4 with luminance with distance) and (luminance near correct \$4) and "382".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:28 |
| S95 | 18 | division or subarea or  | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:29 |
| S96 | 0  | ((subdivision or area or division or subarea or block) with image) and (weight\$4 with luminance with distance with neighbor \$4) and (luminance near correct\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:33 |

| S97  |        | ((subdivision or area or division or subarea or block) with image) and (weight\$4 with luminance with distance same neighbor \$4 near block) and (luminance near correct \$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:33 |
|------|--------|---|---------------------------------|----|----|---------------------|
| S98  |        | ((subdivision or area or division or subarea or block) with image) and (weight\$4 with luminance with distance same neighbor \$4 near (subdivision or area or division or subarea or block)) and (luminance near correct \$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:34 |
| S99  | 3971   | (luminance near correct<br>\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:34 |
| S100 | 141835 | (subdivision or area or<br>division or subarea or<br>block) near image  | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:35 |
| S101 | 915    | S99 and S100  | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:35 |
| S102 | 143    | (weight\$4) same<br>(luminance near value)<br>same (distance or<br>surround\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:36 |
| S103 | 14     | S101 and S102   | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:36 |
| S104 | 421    | (luminance near<br>(correct\$4 or adjust<br>\$4)) and (subarea or<br>block or division) and<br>(weight\$4 or correlat\$4<br>or relat\$7) same<br>luminance same<br>(distance or surround<br>\$4 or neighbor\$4)               | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:41 |

| S105 | 142 |                       | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2010/10/28<br>16:41 |
|------|-----|-----------------------|---------------------------------|----|----|---------------------|
| S106 | 7   | (correct\$4 or adjust | , oo . o. o.,                   | OR | ON | 2010/10/28<br>16:43 |

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